

20-13

Return to:  
Inland Wetlands and Watercourses Agency  
Municipal Building, Room 202  
245 deKoven Drive  
Middletown, Connecticut 06457

For Agency Use Only:

Application Fee \_\_\_\_\_  
Received \$ \_\_\_\_\_  
Check # \_\_\_\_\_  
Prepared By \_\_\_\_\_  
Date \_\_\_\_\_

DEPT. PLANNING & ZONING  
20 JUL - 6 PM 12: 00

**City OF MIDDLETOWN**  
**INLAND/WETLANDS AND WATERCOURSES AGENCY**  
**APPLICATION FOR**  
**INLAND WETLANDS AND WATERCOURSES ACTIVITY**  
(Applicant to complete all information in Items 1-15  
applications for significant activities should attach additional  
sheets for Item 16)

<p>1. Applicant Name and Address Guy P. Russo, Director Middletown Water &amp; Sewer Dept. 82 Berlin St. Middletown, CT 06457</p>	<p>2. Property Owner and Address (If different than applicant) See attached list</p>
<p>Telephone during Business hours: 860-343-8085 (x 100)</p>	<p>Telephone during Business hours: Contact Applicant</p>
<p>3. Applicant's Interest in Property: (Circle One)</p> <p>Owner      Developer</p> <p>Option Holder</p> <p>Other (describe) Utility Easement Holder-Maintenance</p>	<p>4. Exact Location of Property: (Include Street Name, Assessor's Map #, Block #, and Lot #) At Pameacha Ave., See attached list and mapping</p>
<p>5. Summary Description of Proposed Activity: Install 500 LF of new 24" Sanitary Sewer adjacent to a 420' long culvert carrying Long Hill Brook. The existing sewer, located inside the culvert will also be removed. Project also includes replacing 700' of 12" water main in Pameacha Ave.</p>	
<p>6. Purpose of Proposed Activity: The existing sewer is past its normal service life and should be replaced. Removal from within the Long Hill Brook culvert reduces the potential for spills polluting the brook. The removal of these potential obstructions also reduces the risk of debris blockage and restores culvert capacity. The new water line will replace an existing water line past its service life.</p>	



7. Activity Location and site plan showing existing and proposed conditions in relation to wetlands and watercourses. Location of activity should be shown on the City's wetland maps.

Number of acres of wetlands (or portion thereof) on the property: Not Applicable

Total acreage of wetlands or linear feet of watercourse to be altered: 0.009 Ac

Total area of impacted, regulated area: 0.348 Ac  
See attached disturbance tabulation, by property

8. Estimated Time land will be disturbed during construction: 4 to 5 months  
Note: The water & sewer department plans to bid this work for winter construction, during low flow conditions.

9. Check applicable activities occurring within ~~0-50~~<sup>100</sup> feet from wetland or watercourse:

Removal ☒

Discharge: Pumped groundwater  
Specify Type

Filling ☒

Surface Water Diversion

Paving ☒

Vegetation Removal ☒

Other: \_\_\_\_\_  
Specify Type

10. Explain in detail extent of any activity checked above and type of material: Removal includes excavation for new sewer and water piping; filling includes backfilling trenches to restore to existing conditions, using excavated material or more suitable fill; paving will be restored; where vegetation is removed, restoration will include suitable planting and provide a stable non-eroding surface.


11. Explain what alternatives have been considered in connection: Similar projects were bid in 1997 and again in 2005, tunnelling with the sewer in a steel host pipe. This alternative was not constructed due to the high cost. The impacts would have been similar to this project. The "no action" alternative is not considered viable, due to Environmental Risk.

12. Identify any other local, State or Federal permits previously issued or that will be required for work on the property.
- . Middletown Road Opening Permit (Possibly CTDOT for Route 17)
  - . ACOE General Permit (obtained in 1997, now expired)
  - . CTDEP Flood Management Certification (FMC), due to State (loan) funding.



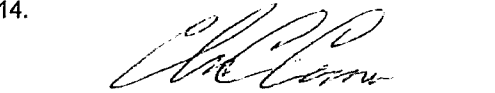
To comprise a complete application, the following must be submitted to the Inland Wetland and Watercourses Agency: one (1) copy of this application form; twenty-one (21) copies of the site plan; and, six (6) copies of supporting documentation. All permit applications must be submitted eight (8) days prior to the next scheduled Agency meeting to insure consideration at that meeting.

13. The undersigned is familiar with all the information provided in this application and is aware that any permit obtained through deception, inaccurate, or misleading information is subject to revocation.

  
Applicant Guy P. Russo

6-22-11  
Date

14.

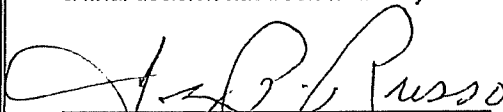
  
Authorized Agent Charles C. Corson, PE

6/22/11  
Date

United International Corporation, 35 Thorpe Ave., Suite 102, Wallingford, CT 06492

Address of Authorized Agent

15. The undersigned, as owner of the property, hereby consents to necessary and proper inspections of the above-mentioned property by Commissioners of the Inland Wetlands and Watercourses Agency, agents of the City of Middletown, the Connecticut Department of Environmental Protection and the U.S. Department of Agriculture, Soil Conservation Service, at reasonable times, both before and after a final decision has been issued by the Middletown Inland Wetlands and Watercourses Agency.

  
Owner's Authorization Guy P. Russo  
(Owner of Easements)

6-22-11  
Date

16. If the proposed activity involves a significant activity as determined by the Agency and defined in Section 2 of these Regulations, additional information, based on the nature and anticipated effects of the activity, shall be submitted as per Section 3.6B of the Inland Wetlands and Watercourses Agency Regulations.

N/A



CITY OF MIDDLETOWN  
Department of Planning, Conservation, and Development

<http://www.middletownplanning.com>

PO Box 1300  
245 deKoven Drive  
Middletown, CT 06457-1300  
(860) 344-3425

**Erosion & Sedimentation Control Compliance Agreement**

I, (PRINT NAME) Guy P. Russo, Director, Middletown W & S Dept. hereby agree that any tree cutting, land clearing, earth excavation, earth filling or any other construction activity associated with an approved permit at:

(PROPERTY ADDRESS) See attached list of easements.

shall be in compliance with a approved plot/site plan as well and the City of Middletown Erosion & Sedimentation Control Guidelines.

I understand that failure to comply with the City of Middletown Erosion & Sedimentation Control Guidelines shall be deemed a violation and shall result in an enforcement action that may include a \$150 per day municipal citation fine and shall preclude zoning approval required for the issuance of a Certificate of Occupancy.

The City of Middletown reserves the right to implement corrective action for Erosion & Sedimentation Control violations, and in such cases will seek reimbursement for expenses related to any corrective action deemed necessary by the City.

Signed: Guy P. Russo

Date: 6-22-11

For Office Use Only

SPR# \_\_\_\_\_



Pameacha Area Wetlands





**LIST OF HISTORICAL INFORMATION  
ON SANITARY SEWER & BOX CULVERT  
AT AND NORTH OF PAMEACHA AVENUE**

Compiled by UIC, April 2011

<u>Dates</u>	<u>Events/Records</u>
1930 +/-	12" CIP sewer constructed along/under Long Hill Brook (AKA Pameacha Bk.), with sewer easement recorded 12-11-1930.
1940s	In conjunction with WW II war efforts, a culvert was built over the sewer.
Early 1950s	The 12" sewer was found to be too small.
May 1956	Plans by P. Genovese to construct 24" CIP within culvert with connection from factory building east of culvert.
1970s	First FEMA Study, reportedly not accounting for actual conditions in culvert.
1983	Plans by Cahn Engineers for sewer downstream from culvert, changing sanitary MH at end of culvert to 24" CI Tee & Ell.
May 1995	A.) Site was potential location of new Police Station. B.) Owner had Roald Haestad, Inc. (RHI) do a hydraulic study. The results indicated that the original culvert was too small, and, that the weirs, sewer pipe and supports further reduced capacity. C.) RHI produced a preliminary design to relocate the sanitary sewer. D.) The City's Engineer and Attorney studied the history of this site and concluded the City had done no wrong (but the sewer did need to be relocated).
1996-2002	The City had the 24" sewer relocation added to the CSO Contract 17A, with bids (#2002-043) opened 5-9-02. The cost of the pipe jacking was beyond the budget and no award was made. 17A was later bid W/O the Pameacha portion and constructed in 2003.
8-12-97	UIC obtained an ACOE General Permit for the Pameacha Sewer Relocation.
8-18-03	The City asked DEP for permission to negotiate a Lump Sum Contract for this work, not using public bidding.
3-3-04	City sent letters to potential Contractors.

11-17-04	The City met with Remsco, the Contractor chosen to do this work (Contract 17a1), for a Lump Sum \$2.36 million.
2-15-05	Letter from City to DEP asking approval for Remsco and providing the history of the Project since 5-9-02.
5-10-05	UIC (#1092) sent copy of Plans and Specifications to City and to DEP.
7-22-05	City asked DEP to increase funding, to allow award to Remsco.
4-3-07	City sent funding request to DEP, as I/I instead of CSO.
8-28-08	FEMA study, listing 100 year Flood Elevation as 81 at Pameacha Ave., and 53 at culvert outlet.
2007-2011	UIC redesigned sewer relocation as open-cut and will now include replacement of the 12" water main in Pameacha Ave.

**CITY OF MIDDLETOWN  
INLAND WETLANDS AND WATERCOURSES AGENCY**

PERMIT NO. 11-06  
GRANTED: August 3, 2011

DATE: August 4, 2011

Middletown Water & Sewer Dept.  
Guy P. Russo, Director  
82 Berlin Street  
Middletown, CT 06457

This authorization refers to your application to conduct at: Pameacha Avenue

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The Inland Wetlands and Watercourses Agency has considered your application with due regard for the criteria enumerated in Section 22a-41 of the General Statutes and in Section 8 of the Agency's Regulations and has found that the proposed work, as specified and conditioned below, is in conformance with the purposes and provisions of said sections.

The authorized activity consists: Install 500 LF of new 24" Sanitary Sewer adjacent to a 420' long culvert carrying Long Hill Brook. The existing sewer, located inside the culvert will also be removed. Project also includes replacing 700' of 12" water main

with the following conditions and any other conditions imposed at time of approval by the

Agency: Comments from the Public Works Dept. must be addressed and boring/contaminated soil reports to be forwarded to Commission

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Further information may be found in file.

This Permit is issued and subject to the following conditions and/or modifications:

1. The permittee shall notify the Wetlands Officer immediately upon the commencement of work and upon its completion.

2. If the authorized activity is not completed on or before August 3, 2016 said activity shall cease and, if not previously revoked or specifically extended, this Permit shall be null and void.
3. All work and all regulated activities conducted pursuant to this authorization shall be consistent with the terms and conditions of this Permit. Any structures, excavation, fill, obstructions, encroachments or regulated activities not specifically identified and authorized here in shall constitute a violation of this Permit and may result in its modification, suspension, or revocation. Upon initiation of the activities authorized herein, the permittee thereby accepts and agrees to comply with the terms and conditions of this Permit.
4. This authorization is not transferable without the written consent of the Secretary of the Inland Wetlands and Watercourses Agency.
5. In evaluating this application, the Agency has relied on information provided by the applicant and, if such information subsequently proves to be false, deceptive, incomplete and/or inaccurate, this Permit may be modified, suspended or revoked.
6. The permittee shall employ best management practices, consistent with the terms and conditions of this Permit, to control storm water discharges and to prevent erosion and sedimentation and to otherwise prevent pollution of wetlands or watercourses. The permittee shall immediately inform the Wetlands Officer of any problems involving wetlands or watercourses which have developed in the course of, or which are caused by, the authorized work.
7. No equipment or material including, without limitation, fill construction materials or debris shall be deposited, placed, or stored in any wetland or watercourse on or off site unless specifically authorized by this Permit.
8. This Permit is subject to and does not derogate any present or future property rights or other rights or powers of the State of Connecticut, and conveys no property rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the property or activity affected hereby.

General provisions in the issuance of all permits.

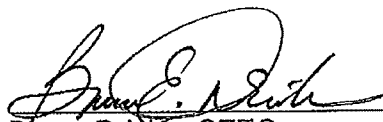
- A. Nothing in these regulations shall obviate any requirement for the applicant to obtain any other assent, permit or license required by law or regulation by the Government of the United States or of the State of Connecticut or any other political subdivisions thereof.

The obtaining of such assents, permits or licenses is solely the responsibility of the applicant.

- B. Flagging of the wetland boundaries shall be by continuous construction ribbon, shall be in place before any activity commences, and shall be kept in good

repair for the duration of the project. No disturbance or activity either permanent or temporary is allowed within one hundred (100') feet of the wetland boundaries other than as shown on the plan(s) duly approved by the Agency. Flagging must be visible above the basic ground level vegetation.

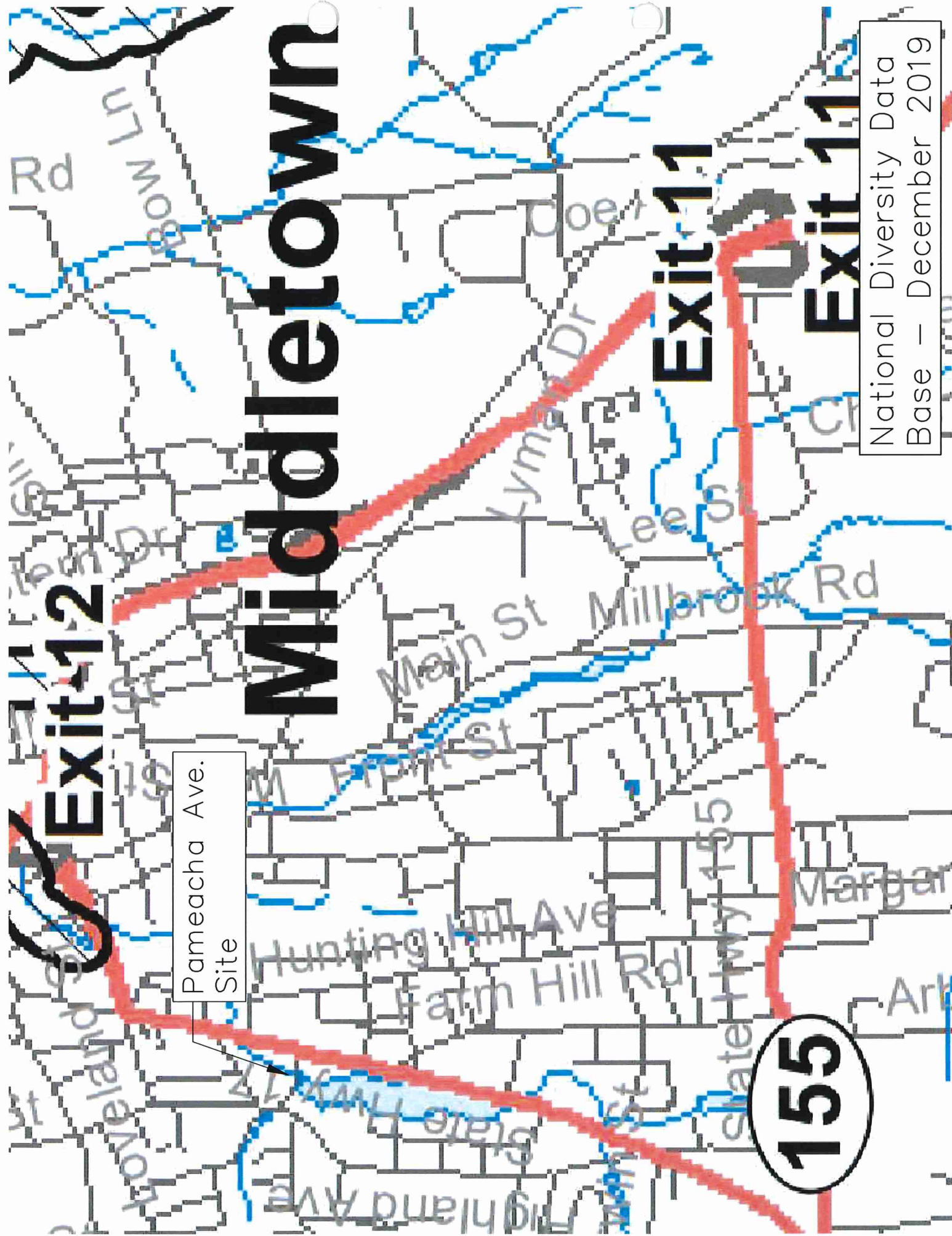
- C. In evaluating applications in which the Agency relied in whole or in part on information provided by the applicant and if such information subsequently proves to be false, deceptive, incomplete or inaccurate, then the permit may be modified, suspended or revoked.
- D. All permits issued by the Agency are subject to and do not derogate any present or future rights or powers of the Agency or the City of Middletown and convey no rights in real estate or material nor any exclusive privileges and are further subject to any and all public and private rights and to any Federal, State and municipal laws or regulations pertinent to the property or activity.
- E. If the activity authorized by the Inland Wetlands Permit also involves an activity or a project which requires zoning or subdivision approval, special permit, variance or special exception, no work pursuant to the Inland Wetlands permit may begin until such approval is obtained and the Chairman of the Inland Wetlands and Watercourses Agency signs the final Mylar plans.
- F. The permittee shall employ construction management practices, consistent with the terms and conditions of the permit, to control storm water discharges and to prevent erosion and sedimentation and to otherwise prevent pollution of wetlands and watercourses.
- G. A copy of the plans approved by the Agency shall be kept at the job site.
- H. The Agency shall be notified, by postcard, immediately before any activity begins in the wetlands in order to schedule a pre-construction conference with the Enforcement Officer.



Bruce Driska, CZEO  
Zoning and Wetland Enforcement Officer







National Diversity Data  
Base — December 2019



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**CITY OF MIDDLETOWN**  
**Department of Planning, Conservation, and Development**

<http://www.middletownplanning.com>

PO Box 1300  
245 deKoven Drive  
Middletown, CT 06457-1300  
(860) 344-3425

**Erosion & Sedimentation Control Compliance Agreement**

I, (PRINT NAME) Joseph Fazzino, Director W & S hereby agree that any tree cutting, land clearing, earth excavation, earth filling or any other construction activity associated with an approved permit at:

(PROPERTY ADDRESS) See attached - I, W, W C FORM

shall be in compliance with a approved plot/site plan as well and the City of Middletown Erosion & Sedimentation Control Guidelines.

I understand that failure to comply with the City of Middletown Erosion & Sedimentation Control Guidelines shall be deemed a violation and shall result in an enforcement action that may include a \$150 per day municipal citation fine and shall preclude zoning approval required for the issuance of a Certificate of Occupancy.

The City of Middletown reserves the right to implement corrective action for Erosion & Sedimentation Control violations, and in such cases will seek reimbursement for expenses related to any corrective action deemed necessary by the City.

Signed:   
Date: 7-2-20

.....  
**For Office Use Only**

SPR# \_\_\_\_\_





Return to:  
Inland Wetlands and Watercourses Agency  
Municipal Building, Room 202  
245 deKoven Drive  
Middletown, Connecticut 06457

For Agency Use Only:

2020-13  
Application Fee \_\_\_\_\_  
Received \$                     

By S.N. Date 6/29/20

**City OF MIDDLETOWN**  
**INLAND/WETLANDS AND WATERCOURSES AGENCY APPLICATION**  
**FOR**  
**INLAND WETLANDS AND WATERCOURSES ACTIVITY**

(Applicant to complete all information in Items 1-15  
applications for significant activities should attach additional  
sheets for Item 16)

<p>1. Applicant Name and Address</p> <p><b>Joseph Fazzino, Director</b> <b>Middletown Water &amp; Sewer Dept.</b> <b>82 Berlin St.</b> <b>Middletown, CT 06457</b></p>	<p>2. Property Owner Information (If different than applicant) <b>See attached list</b></p>
<p>Telephone during Business hours:</p> <p><b>(860) 638-3500</b></p>	<p>Telephone during Business hours:</p> <p><b>Contact applicant</b></p> <p><b>DEPT. PLANNING &amp; ZONING</b> <b>20 JUN 29 PM 2:58</b></p>
<p>3. Applicant's Interest in Property: (Circle One)</p> <p>Owner      Developer</p> <p>Option Holder      <b>Utility Easement</b></p> <p><b>Other (describe)</b>      <b>Holder-Maintenance</b></p>	<p>4. Exact Location of Property: Name of Street (including Assessor's Map, Block, and Lot Number)</p> <p><b>Pameacha Ave.</b> <b>See attached map</b></p>
<p>5. Summary Description of Proposed Activity:</p> <p><b>Install 580 LF of new 12" Sanitary Sewer adjacent to a 420' long culvert carrying Long Hill Brook. Install a new sewer crossing of 80 LF of 12" DIP immediately below Pameacha Pond dam. The existing sewer located inside the culvert will also be removed. Project also includes replacing 700' of 12" water main in Pameacha Ave and road reconstruction and paving on approximately of 650' Pameacha Ave.</b></p>	
<p>6. Purpose of Proposed Activity:</p> <p><b>The existing sewer is past its normal service life and should be replaced. Removal from within the Long Hill Brook culvert reduces the potential for spills polluting the brook. The removal of these potential obstructions also reduces the risk of debris blockage and restores culvert capacity. The new water line will replace an existing water line past its service life.</b></p>	

7. Activity Location and site plan showing existing and proposed conditions in relation to wetlands and watercourses. Location of activity should be shown on the City's wetland maps.

Number of acres of wetlands (or portion thereof) on the property: N/A Multiple Properties

Total acreage of wetlands or linear feet of watercourse to be altered: 0.03 acres

Total area of impacted, regulated area: 0.60 acres

8. Estimated Time land will be disturbed during construction: **24 Months  
(2 construction seasons)**

9. Check applicable activities occurring within 0-100 feet from wetland or watercourse:

Removal **X**

Discharge: Pumped Groundwater  
Specify Type

Filling **X**

Surface Water Diversion

Paving **X**

Vegetation Removal **X**

Other: \_\_\_\_\_  
Specify Type

10. Explain in detail extent of any activity checked above and type of material:

**Removal includes excavation for new sewer and water piping; filling includes backfilling trenches to restore to existing conditions, using excavated material or more suitable fill; paving will be restored; where vegetation is removed, restoration will include suitable planting and provide a stable non-eroding surface.**

11. Explain what alternatives have been considered in connection:

**Similar projects in 1997 and again in 2005, tunneling with the sewer in a steel host pipe. This alternative was not constructed due to the high cost. The impacts would have been similar to this project. The "no action" alternative is not considered viable, due to environmental risk.**



12. Identify any other local, State or Federal permits previously issued or that will be required for work on the property.

**This is a re-application with modifications to the current permit no. 11-06.**

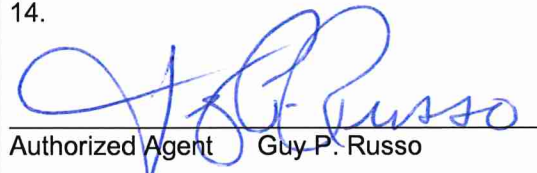
To comprise a complete application, the following must be submitted to the Inland Wetland and Watercourses Agency: twenty (20) copies of this application form; and, twenty (20) copies of the site plan and any supporting documentation. It is requested all permit applications should be submitted eight (8) days prior to the next scheduled Agency meeting to insure consideration at that meeting.

13. The undersigned is familiar with all the information provided in this application and is aware that any permit obtained through deception, inaccurate, or misleading information is subject to revocation.

 Deputy  
Applicant Joseph Fazzino, W&S Director

6.29.2020  
Date

14.

  
Authorized Agent Guy P. Russo  
PRIME AE Group, Inc.  
100 Great Meadow Rd.  
Weathersfield, CT 06109

6.29.2020  
Date

Address of Authorized Agent

15. The undersigned, as owner of the property, hereby consents to necessary and proper inspections of the above-mentioned property by Commissioners of the Inland Wetlands and Watercourses Agency, agents of the City of Middletown, the Connecticut Department of Environmental Protection and the U.S. Department of Agriculture, Soil Conservation Service, at reasonable times, both before and after a final decision has been issued by the Middletown Inland Wetlands and Watercourses Agency.

 Deputy  
Owner's Authorization  
Joseph Fazzino, W&S Director

6.29.2020  
Date

16. If the proposed activity involves a significant activity as determined by the Agency and defined in Section 2 of these Regulations, additional information, based on the nature and anticipated effects of the activity, shall be submitted as per Section 3.6B of the Inland Wetlands and Watercourses Agency Regulations.

**N/A**

<b>Property Address</b>	<b>Owner</b>	<b>Owner Address</b>
166 Highland Ave Middletown, CT 06457	Jean M & Michael L Monahan	1340 Randolph Rd Middletown CT, 06457
56 Pameacha Ave Middletown, CT 06457	Extra Space Properties Seventy Eight	PO Box 800729 Dallas, TX 75380
53 Warwick St Middletown, CT 06457	Lee K Godburn	53 Warwick St Middletown, CT 06457
41 Warwick St Middletown, CT 06457	41 43 Warwick Street LLC	51 Aresco Dr Middletown, CT 06457
305 South Main St Middletown, CT 06457	Center Realty LLC	305 South Main St Middletown, CT 06457
341 South Main St Middletown, CT 06457	Sau Ngor & Tai Ying Yeung	8 Dinatale Dr Wallingford, CT 06492
5 Pameacha Ave Middletown, CT 06457	Smim D LLC	21 Sniper Terr Middletown, CT 06457
Hunting Hill Ave Middletown, CT 06457	State of Connecticut	450 Capitol Ave Hartford, CT 06106
26 Huntington Hill Ave Middletown, CT 06457	William & Pearlina Jackson	26 Huntington Hill Ave Middletown, CT 06457
272 South Main St Middletown, CT 06457	272 South Main Street LLC	PO Box 318 Middlefield, CT 06455



# Inland Wetlands And Watercourses Agency



Chair	Joseph A ('20)	
Vice-Chair	Robert Whitney (19)	
Members	Fred Terrasi ('21)	Trevor Davis ('20)
	David Pritchard ('20)	Jennifer Greenberg ('19)
	Ken McClellan ('20)	Jammie Middleton ('20)
	Trevor Larrubia ('21)	Vacant
Alternates	Gabriel Russo ('22)	Jack Pieper ('24)
	Paul Dyka ('20)	Vacant
	Vacant	
Staff	Marek Kozikowski, AICP, City Planner	

## **REVISED AGENDA** **WEDNESDAY, JULY 1, 2020** **AGENDA 7:00 PM**

**Meeting to be held online.** Members of the public may view/listen to the meeting as follows:

1. Going to <https://webex.com> and joining the meeting using the appropriate meeting number and password
2. Launching the WebEx application and joining the meeting using the appropriate meeting number and password
3. Via telephone at 1-408-418-9388 and the appropriate access code

**Meeting Number/Access Code:** 1293655613

**Event Password:** Middletown

A. Call to Order / Pledge of Allegiance

B. Public Hearing

C. Old Business

- 1) Proposed construction of a new single family dwelling on Fairchild Road (Borrelli Acres) within the 100ft upland review area. Applicant/agent Timberwood Homes, LLC/Stephen & Barbara Borrelli 2020-11
- 2) Request for a five (5) year extension for the Cedar Ridge subdivision on Coleman Road. Applicant/agent Philip Reynolds 2011-04

D. New Business

- 1) Proposed clearing of brush and dead trees within the 100ft upland review area at 17 Chelsea Court. Applicant/agent Mason Wood 2020-12
- 2) Install new 12" sanitary sewer adjacent to a 420 long culvert carrying Long Hill Brook. Also replace water main in Pameacha Avenue and road reconstruction and repaving. Applicant/agent Joseph Fazzino/Middletown Water & Sewer Dept. 2020-13

E. Agency Review

F. Reports of Officers and Committees

G. Public Open Forum

H. Minutes – May 6, 2020 and June 3, 2020

I. Communication and Bills

J. Adjournment

Alternate Member Seating: Jack Pieper; Gabriel Russo; Paul Dyka;

If you require special accommodations for any meeting, please call the ADA Coordinator at (860) 638-4540, (voice) or (860) 638-4812 (TDD/TTY), or the Town Clerk's Office at (860) 638-4910 at least ten (10) days prior to the scheduled meeting.





Wethersfield Office

100 Great Meadow Road | 6<sup>th</sup> Floor | Wethersfield, Connecticut 06109  
P: 860.436.5600 | F: 860.436.5601

July 1, 2020

Mr. Joseph Samolis  
Director of Planning, Conservation & Development  
City of Middletown  
245 DeKoven Drive  
Middletown, CT 06457

RE: Reapplication of Permit 11-06

Dear Mr. Samolis:

PRIME AE Group, acting as agent for the Middletown Water & Sewer Department, is submitting for the Reapplication of Permit 11-06. PRIME AE has been requested to reapply for the current permit given the age of the original approval (2011) as well as revisions to the starting point of this sanitary replacement projects. For the Commission's benefit allow me to give a history of the project that bring us to this juncture.

The Project as currently configured, CSO Project 17, was one of several projects identified in the late 1980's between the City of Middletown and the CTDEP (nee) for corrective work. The project called for infrastructure system improvements that would address inflow/infiltration to the sewer conveyance along Pameacha Pond and area streets. I note that the west interceptor that runs the length of Pameacha Pond has already been improved by pipe lining back in the early 2000's. The balance of the project anticipated a replacement/relining of the sewer conveyance from approximately the tail waters of Pameacha Pond, at the Pameacha Pond Dam, down to the Mill Hollow Interceptor Sewer.

In approximately the summer of 1996, a heavy rain occurred causing flooding in the south end of Middletown along the Rt. 17 and Pameacha Pond Corridor. The flooding was severe in nature, and areas that were inundated by the event exceeded beyond limits of what was predicted by FEMA mapping, performed by Haestad Engineering. An after event review found that while the cross sectional area of the culvert downstream from the Pameacha Pond Dam had been accurately measured for modeling purposes, there was no consideration taken for the obstruction caused by the sewer conveyance that rests on intermittent cradles within the culvert. The existence of the impediment in the culvert was determined to be contributory to the higher than predicted flood levels and a decision was made to remove the conveyance from the culvert.

The design for the relocation of the sewer proved to be difficult due to the severe grade changes, existence of a closed hazardous waste cell behind the self-storage business, and lack of any easements to complete the relocation. By 2011, a workable design was established, permits were garnered, and the City proceeded to acquire easements to allow the work to proceed. Unfortunately, a lack of DEEP funding prevented the project from proceeding at that time.

PRIME AE began to update plans and prepare the project for bidding in 2017 with renewed funding at the DEEP. DEEP conducted a field visit to physically see how sanitary flow would be conveyed across Sumner Brook. The field personnel witnessed the condition of the Pameacha Dam and notified the DEEP Dam



CONNECTING. CREATING. CONSERVING. COMMUNITY.  
[www.primeeng.com](http://www.primeeng.com)





Compliance division. In approximately the summer of 2018, DEEP inspected the Pameacha Dam and found its condition to be of serious disrepair and placed the City of Middletown under an Emergency Order to address the condition of the dam. PRIME AE completed an inspection of the dam and filed its report with DEEP.

PRIME AE worked with the City DPW, Water & Sewer, and DEEP for a dam replacement and proceeded to a 60% design of a replacement dam structure. While DPW continues to consider the dam construction as proposed as well as alternates a decision was made by all parties to proceed with the sewer conveyance portion of the project, in the vicinity of the proposed replacement dam in the interim.

This brings us to the reapplication of the existing permit. It should be noted that nothing within the project has changed except for the stream crossing to the location just below the dam. This location was designed at DEEP's suggestion so as to remove all structures from the culvert, even structures that would not impede flow.

As a result of the de minimus change in the design, PRIME AE is submitting revised drawings, and NDDB information, but all other geotechnical, wetlands, and condition assessments have not changed and are being resubmitted for this Commission's understanding of the issues involved. Below is a listing of materials being transmitted herein, in support of our current pending application:

1. 1 Signed Application form
2. 3 sets of Site Plans and an electric copy
3. 1 Signed Erosion & Sedimentation Control Compliance Agreement
4. 1 copy, Natural Diversity Database Map with a site location callout
5. 1 copy, Original Application for permit 11-06
6. 1 copy, Permit authorization of permit 11-06

Let me thank you and the Commission for your understanding and attention to this project vital to both the Water & Sewer Department and the Department of Public Works. Should you have any questions, please do not hesitate to contact me.

Sincere regards,

A handwritten signature in blue ink, appearing to read "Guy P. Russo".

Guy P. Russo  
Director of Water Infrastructure  
PRIME AE Group, Inc.

CC: Joseph Fazzino, Director of Water & Sewer  
File







FILE: 1250

## City of Middletown

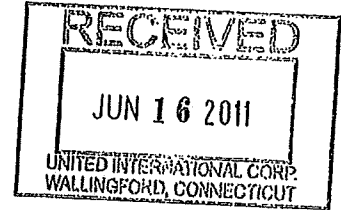
WATER & SEWER DEPARTMENT

82 Berlin Street

Middletown, CT 06457

TEL: (860) 343-8085

FAX: (860) 343-8091



Joseph Carta, Chairman  
Inland Wetlands and Watercourses Agency  
Municipal Building  
245 DeKoven Drive  
Middletown, CT 06475

May 2, 2011

RE: INLAND WETLANDS AND WATERCOURSES DELINEATION, RELOCATION  
OF EXISTING SANITARY SEWER, PAMEACHA AVENUE CULVERT

Dear Mr. Carta:

At the request of George Miller, Project Engineer, UIC, I conducted a field site visitation to the project area above to delineate the inland wetland soils and watercourses that may exist on and adjacent to the site.

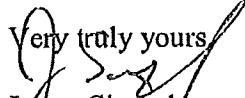
On June 22, 2010 I sampled the soil throughout the area and delineated the inland wetland soils and watercourses based on my field observations using the guidelines established by the National Cooperative Soil Survey and as defined by the Connecticut General Statutes. I delineated these areas using blue flagging numbered 1-11 and 12-24 respectively.

Flag numbers 1-2 and 8-11 delineate the edge and toe of slope to Pameacha Pond while flags 2-5 and 6-8 delineate the edge of the existing stone and concrete spillway that is stepped in its original construction. Between the existing dam and the limits of the existing dam spillway, are large stones that are stepped in construction. Very little soil exists as a result of this area being completely inundated after severe storm events. The area is littered with various types of vegetative debris that has gotten trapped in the voids created by shifting of the large stones. Also there is a lot of "floatables" that have accumulated in various voids as a result of the storm water systems that flow into Pameacha Pond as well. The spillway then flows under ground via an existing box culvert and conveys water identified as Long Hill Brook.

Wetland flags numbered 12-24 delineate the edge of a watercourse locally known as Pikes Ravine Brook that flows in an easterly direction. The bed of the brook is comprised of exposed bedrock that has been uncovered as a result of years of erosion. On either side of the brook steep slopes exist that appear to be stable with existing vegetation, most of it invasive species.

Pikes Ravine Brook eventually also flows underground, combined with Long Hill Brook, for approximately 100 feet via a box culvert and empties into a narrow depression with extremely steep slopes. There also is a high chain link security fence that was placed around this area years ago which is heavily vegetated and completely overgrown which makes access to this area virtually impossible without major clearing.

If you have any questions or require additional information. Please contact me at telephone number 860-343-8085 ext 147.

Very truly yours,  


James Sipperly  
Environmental Resource Specialist  
Certified Soil Scientist



Return to:  
Inland Wetlands and Watercourses Agency  
Municipal Building, Room 202  
245 deKoven Drive  
Middletown, Connecticut 06457

For Agency Use Only:

Application Fee \_\_\_\_\_  
Received \$ \_\_\_\_\_  
Check # \_\_\_\_\_  
Prepared By \_\_\_\_\_  
Date \_\_\_\_\_

**City OF MIDDLETOWN  
INLAND/WETLANDS AND WATERCOURSES AGENCY  
APPLICATION FOR  
INLAND WETLANDS AND WATERCOURSES ACTIVITY**

(Applicant to complete all information in Items 1-15  
applications for significant activities should attach additional  
sheets for Item 16)

<p>1. Applicant Name and Address Guy P. Russo, Director Middletown Water &amp; Sewer Dept. 82 Berlin St. Middletown, CT 06457</p>	<p>2. Property Owner and Address (If different than applicant) See attached list</p>
<p>Telephone during Business hours: 860-343-8085 (x 100)</p>	<p>Telephone during Business hours: Contact Applicant</p>
<p>3. Applicant's Interest in Property: (Circle One)</p> <p>Owner      Developer</p> <p>Option Holder</p> <p>Other (describe) Utility Easement Holder-Maintenance</p>	<p>4. Exact Location of Property: (include Street Name, Assessor's Map #, Block #, and Lot #) At Pameacha Ave., See attached list and mapping</p>
<p>5. Summary Description of Proposed Activity: Install 500 LF of new 24" Sanitary Sewer adjacent to a 420' long culvert carrying Long Hill Brook. The existing sewer, located inside the culvert will also be removed. Project also includes replacing 700' of 12" water main in Pameacha Ave.</p>	
<p>6. Purpose of Proposed Activity: The existing sewer is past its normal service life and should be replaced. Removal from within the Long Hill Brook culvert reduces the potential for spills polluting the brook. The removal of these potential obstructions also reduces the risk of debris blockage and restores culvert capacity. The new water line will replace an existing water line past its service life.</p>	



United  
International  
Corporation

*Engineers and Surveyors*

***TRANSMITTAL***

35 Thorpe Ave., Suite 102, Wallingford, CT 06492  
(203) 269-2993 Fax (203) 269-4395

DATE: June 22, 2011

To: Middletown Inland Wetlands and  
Watercourses Agency  
C/O Department of Planning,  
Conservation and Development  
245 deKoven Drive, Suite 202  
Middletown, CT 06457

Re: Wetlands Application for  
Pameacha Avenue Culvert & Water  
Main Improvements  
By Middletown Water & Sewer Dept.

Tel. No: 860-344-3425

Fax. No. 860-344-3593

UIC Project No. 1250

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Enclosures/Comments:

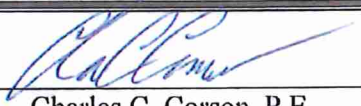
1 Signed Application Form, with attached Property area tabulation,  
15 sets Site Plans, 15 sheets each,  
6 copies Site Plan Report, by Jim Sipperly,  
1 Signed Erosion and Sediment Control Compliance Agreement,  
1 copy, Middletown Wetlands USGS Map, and,  
6 copies, Site History

Note: The Certification regarding Neighboring Towns does not apply and there is no fee for City Agencies.

---

Cc: Guy Russo, W & S Dept.

Signed: \_\_\_\_\_

  
Charles C. Corson, P.E.

**BRANCHES**

132 Central St., Suite 100, Foxborough, MA 02035  
Tel. (508) 698-2887

142 Putman Avenue, Johnston, RI 02919  
Tel. (401) 233-2993

7. Activity Location and site plan showing existing and proposed conditions in relation to wetlands and watercourses. Location of activity should be shown on the City's wetland maps.

Number of acres of wetlands (or portion thereof) on the property: Not Applicable

Total acreage of wetlands or linear feet of watercourse to be altered: 0.009 Ac

Total area of impacted, regulated area: 0.348 Ac  
See attached disturbance tabulation, by property

8. Estimated Time land will be disturbed during construction: 4 to 5 months  
Note: The water & sewer department plans to bid this work for winter construction, during low flow conditions.

9. Check applicable activities occurring within 100 feet from wetland or watercourse:

Removal ☒

Discharge: Pumped groundwater  
Specify Type

Filling ☒

Surface Water Diversion

Paving ☒

Vegetation Removal ☒

Other: \_\_\_\_\_  
Specify Type

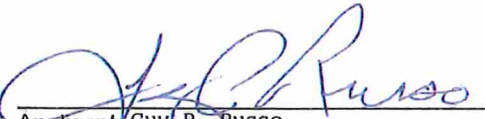
10. Explain in detail extent of any activity checked above and type of material: Removal includes excavation for new sewer and water piping; filling includes backfilling trenches to restore to existing conditions, using excavated material or more suitable fill; paving will be restored; where vegetation is removed, restoration will include suitable planting and provide a stable non-eroding surface.

11. Explain what alternatives have been considered in connection: Similar projects were bid in 1997 and again in 2005, tunnelling with the sewer in a steel host pipe. This alternative was not constructed due to the high cost. The impacts would have been similar to this project. The "no action" alternative is not considered viable, due to Environmental Risk.

12. Identify any other local, State or Federal permits previously issued or that will be required for work on the property.
- . Middletown Road Opening Permit (Possibly CTDOT for Route 17)
  - . ACOE General Permit (obtained in 1997, now expired)
  - . CTDEP Flood Management Certification (FMC), due to State (loan) funding.


To comprise a complete application, the following must be submitted to the Inland Wetland and Watercourses Agency: one (1) copy of this application form; twenty-one (21) copies of the site plan; and, six (6) copies of supporting documentation. All permit applications must be submitted eight (8) days prior to the next scheduled Agency meeting to insure consideration at that meeting.

13. The undersigned is familiar with all the information provided in this application and is aware that any permit obtained through deception, inaccurate, or misleading information is subject to revocation.

  
Applicant Guy P. Russo

6-22-11  
Date

- 14.

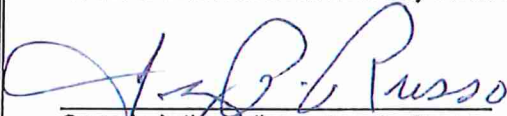
  
Authorized Agent Charles C. Corson, PE

6/22/11  
Date

United International Corporation, 35 Thorpe Ave., Suite 102, Wallingford, CT 06492

Address of Authorized Agent

15. The undersigned, as owner of the property, hereby consents to necessary and proper inspections of the above-mentioned property by Commissioners of the Inland Wetlands and Watercourses Agency, agents of the City of Middletown, the Connecticut Department of Environmental Protection and the U.S. Department of Agriculture, Soil Conservation Service, at reasonable times, both before and after a final decision has been issued by the Middletown Inland Wetlands and Watercourses Agency.

  
Owner's Authorization Guy P. Russo  
(Owner of Easements)

6-22-11  
Date

16. If the proposed activity involves a significant activity as determined by the Agency and defined in Section 2 of these Regulations, additional information, based on the nature and anticipated effects of the activity, shall be submitted as per Section 3.6B of the Inland Wetlands and Watercourses Agency Regulations.

N/A

**Pameacha Avenue Sanitary Sewer Relocation and Water Main Improvements**

**Wetland/ Watercourse and Upland Review Area Disturbance Tabulation**

**City of Middletown Inland Wetlands and Watercourses Agency**

**June 17, 2011**

<b>Property Owner</b>	<b>Wetland/ Watercourse Disturbed Area (SF)</b>	<b>Upland Review Area Disturbed Area (SF)</b>
<b>HPI Wilcox, LLC 305 South Main St.</b>	<b>42</b>	<b>4,420</b>
<b>41-43 South Main LLC 41 Warwick St.</b>	<b>0</b>	<b>523</b>
<b>Lee K. Goodburn 53 Warwick Street</b>	<b>54</b>	<b>5,090</b>
<b>City of Middletown R.O.W. and Pameacha Pond Property</b>	<b>280</b>	<b>4,740</b>
<b>Total</b>	<b>376</b>	<b>14,773</b>



**Pameacha Avenue Sanitary Sewer Relocation and Water Main Improvements**

**Wetland/ Watercourse and Upland Review Area Disturbance Tabulation**

**City of Middletown Inland Wetlands and Watercourses Agency**

**June 17, 2011**

Property Owner	Wetland/ Watercourse Disturbed Area (SF) <i>Ac.</i>	Upland Review Area Disturbed Area (SF) <i>Ac.</i>
HPI Wilcox, LLC 305 South Main St.	42 <i>0.0010</i>	4,420 <i>0.1015</i>
41-43 South Main LLC 41 Warwick St.	0 <i>0</i>	523 <i>0.0120</i>
Lee K. Goodburn 53 Warwick Street	54 <i>0.0012</i>	5,090 <i>0.1168</i>
City of Middletown R.O.W. and Pameacha Pond Property	280 <i>0.0064</i>	4,740 <i>0.1088</i>
<b>Total</b>	<b>376</b> <i>0.0086</i>	<b>14,773</b> <i>0.3391</i>

*→ 0.3477 ←*